

Datasheet for ABIN7562150  
**SLC38A6 Protein (AA 1-457) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SLC38A6
Protein Characteristics:	AA 1-457
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC38A6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Slc38a6 Protein expressed in mammalien cells.
Sequence:	<p>MQASRHSIQA EPGWYVSAQQ PEEAVAADWV SPLLSNEPHR QGSSGASFGF SVFNVMNAIM GSGILGLAYV MANTGILGFS FLLLFVALLA SYSVHLLLAM CIHTAVTSYE DLGLFAFGLP GKVVVAGTII IQNIGAMSSY LLIKTELPA AISEFLPSDH SGSWYLDGQM LLIICVGIV FPLSLLPKIG FLGYTSSLSF FFMVFFALVV VIKKWAVPCP VTLDCINEVF QISNATDDCK PKLFHFSKES VYAIPTMAFS FLCHTSVLPI YCELQSPSKK RMQNVNTNTAI ALSFLVYFVS ALFGYLTFYD KVESELLQGY SKYLPHDVIV MAVKLCILFA VLLTAPLIHF PARKALMMIL FSNYPFWSWIR HSLTTAALNA IIVVLAIYVP DIRNVFGVVG ASTSTCLIFV FPGLFYLKLS REDFLSWKKL GALFLLLTGA VVGSFSLVLI IFDWWNK <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Characteristics:	Key Benefits:

## Product Details

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- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

## Target Details

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Target: SLC38A6

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Alternative Name: Slc38a6 ([SLC38A6 Products](#))

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Background: Solute carrier family 38 member 6 (Amino acid transporter SLC38A6),FUNCTION: Amino acid transporter with an apparent selectivity for L-glutamine and L-glutamate. May facilitate glutamine uptake in excitatory neurons. The transport mechanism remains to be elucidated. {ECO:0000269|PubMed:33503881}.

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Molecular Weight: 50.3 kDa

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UniProt: [G3UVW3](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months